

AFAFD Standard Operating Procedure 35

Live Fire Training

This procedure applies to the training of fire fighters under live fire conditions and focuses on training for coordinated interior and exterior fire suppression operations while maintaining a minimum exposure to risk for the participants.

The instructor in charge shall:

- Be at least a Fire Officer II.
- Be the Incident Commander and utilize the incident command system.
- Assign one instructor to each functional crew, not to exceed five students, to include backup lines, safety officer, and ensure there is an EMT on-scene.

The safety officer will:

- Have no other responsibilities during the training operations.
- Ensure the safety of all personnel involved in the operation to include any visitors and spectators.
- Shall have the authority, to stop and control any part of the operation when a potentially dangerous situation exists.

Structure

- The facility shall be visually inspected for:
 - Damage, including the fire resistance panels and structural integrity
 - Serviceability of doors, windows, thermometers, lighting, and standpipes

Fuel

- Hay bales and wooden pallets shall be the only sources of ignition.
- Training temperatures are not to exceed 500 degrees F.
- All fires must be constructed a minimum of 12 inches from the floor and the walls of the room.

Live Fire Evolution

- A pre-burn plan shall be prepared and shall be utilized during the pre-burn briefing sessions. All features of the training areas and structure shall be indicated on the plan.
- All participants shall have knowledge of and familiarity with the layout of the building in order to facilitate any necessary evacuation of the building.
- The Hi-Lo siren on engines will designate immediate withdrawal to safety zones.
- A method of fireground communications shall be established to enable coordination among the Incident Commander, the interior and exterior sectors, the safety officer, and external requests for assistance.
- An attack line and one backup line are necessary. Each hose line shall be capable of delivering a minimum of 95 GPM.
- After the live fire evolution, overhaul and a critique shall be accomplished and the burn room will be cleaned up.